

## CLAIMS

1. A portable telephone comprising an upper casing provided with a speaker and a display screen and a lower casing on which a keyboard is disposed, wherein an antenna is mounted on at least one of an upper end of the upper casing and a lower end of the lower casing, wherein  
a dielectric member with a predetermined dielectric constant and little loss is mounted on a back side or a front side of the antenna.
2. The portable telephone according to claim 1, wherein the dielectric member is a dielectric member in shape of hemisphere.
3. The portable telephone according to claim 1, wherein the dielectric member is a dielectric member in shape of hemicylinder.
4. The portable telephone according to claim 1, wherein the dielectric member is a dielectric member in shape of rectangular.
5. The portable telephone according to claim 1, wherein the dielectric member has a curved surface on a side opposite to the antenna.
6. The portable telephone according to claim 1, wherein the antenna is a built-in antenna built in the upper casing or the lower casing.
7. The portable telephone according to claim 1, wherein the antenna is a dipole antenna.
8. The portable telephone according to claim 1, wherein the antenna is an inverted-L-shaped antenna.
9. The portable telephone according to claim 1, wherein the antenna is a monopole antenna.
10. The portable telephone according to claim 1, wherein the antenna is a meander antenna.